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TAGGTGGGTAAAGCAGAGGCCCTGGACATGGACTTGAGTGGATTGGAGATATTTACCCCTG
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CATCCTCCAGCACTGCCTACATGCAGCTCAGTAGCCTGACATCTGAGGACTCTGCTGTCT
ATTCTGTGCAAGATTTACTACGGTAGTAGCTACTGGTACTTCGATGTCTGGGCCAAG
GCACCACGGTACCGTCTCCTCAGCAAAGACCACTCCTCCGTCTGTTACCCCTGGCTC
CTGGTTCTGCGGCTCAGACTAACTCTATGGTAGCTCTGGATGCCCTGGTCAAGGGCTATT
TCCCTGAGCCAGTGACAGTGACCTGGAACCTGGATCCCTGTCCAGCGGTGTGCACACCT
TCCCAGCTGTCCCTGCAATCTGACCTCTACACTCTGAGCAGCTCAGTGACTGTCCCCCTCCA
GCACCTGGCCCAGCGAGACCGTCACCTGCAACGTTGCCACCCGGCTCTAGCACCAAAG
TTGACAAGAAAATCGTACCGCGACTGCTAACcgtagtaaaaaacttaqqqtqaaag
ttcatcgccggccgtacggccATGAAACAAAGCACTATTGCACTGGCACTCTTACCGTTAC
TGTTACCCCTGTGACAAAAGCCGACATCGAGCTACCCAGTCTCCAGCAATCATGGCTG
CATCTGTGGGAGAAACTGTCACCACATGTGGAGCAAGTGAGAATATTTACGGTGCTT
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ACTTGGCAGATGGCATGTCATCGAGGTTCACTGGCAGTGGATCTGGTAGACAGTATTCTC
TCAAGATCAGTAGCCTGCATCCTGACGATGTTGCAACGTATTACTGTAAAATGTGTTAA
GTACTCCTCGGACGTTGGAGCTGGACCAAGCTCGAGCTGAAGCGCGCTGATGCTGCAC
CGACTGTATCCATCTTCCCACCATCCAGTGAGCAGTTAACATCTGGAGGTGCCTCAGTCG
TGTGCTTCTTGAACAACTCTACCCCAAAGACATCAATGTCAAGTGGAGATTGATGGCA
GTGAACGACAAAATGGCGTCTGAACAGTTGGACTGATCAGGACAGCAAAGACAGCACCT
ACAGCATGAGCAGCACCCCTCACGTTGACCAAGGACGAGTATGAACGACATAACAGCTATA
CCTGTGAGGCCACTCACAAGACATCAACTCACCCATTGTCAAGAGCTTCAACAGGAATG
AGTGTAGtccgtagtaaaaaacttaqqqtqaaagtttcatgcggccgc

FIG. 1

SYN80 F1:	CGGAATTGGGCCCGTACGGCCATGAAAAAGACAGCTATCGCGATTGCACTGGCACTGGCTGGTT	(SEQ ID NO:12)
SYN80 F2:	TGCAGTGGCACTGGCTGGTTCGGCTACCGTAGGCCAGGCCAAGTAAACTGCAATGAGTCAGGGCCTGGG	(SEQ ID NO:13)
SYN80 F3:	TGCATGAGTCAGGGCGCTGGTGAAGGCGACTTCAGTGAAAGATACTGGCAAGGCTTCGGCTA	(SEQ ID NO:14)
SYN80 F4:	ACTGGAGACACATCCTCCAGGCACTGCTACATGAGCTCAGTAGGCTGACATCTGAGGAC	(SEQ ID NO:15)
SYN80 F5:	GTAGGCTGACATCTGAGGACTCTGCTATTCTGTGAAGATTACTACGGTAGTAA	(SEQ ID NO:16)
SYN80 F6:	AAGATTTACTACGGTAGTAACTGGTACTCTGATGTTCTGGCAAGGTTACTACGGTAGTA	(SEQ ID NO:17)
SYN80 F7:	CGGGATCCCTGTCAGCCGGTGTGCACACCTCCAGCTGGCAATCTGACCTCTACA	(SEQ ID NO:18)
SYN80 F8:	CCTGCAATCTGACCTCTAACACTCTGAGCAGCTCAGTGACTGTCACCTGCCAGCACCTGGCCAGGAGAC	(SEQ ID NO:19)
SYN80 F9:	GCACCTGGCCPAGGGAGACGTCACCTGCAACGTTGCCACCCGGCTCTAGCACCAAGTGAAGAA	(SEQ ID NO:20)
SYN80 F10:	GCCGACATCGAGCTCACCOAGTCACCTGAGCTTCCAGCAATCATGGCTGCATCTGGGAGAACACTGTACCATCACAT	(SEQ ID NO:21)
SYN80 F11:	AGAAACTGTCAACCATCACATGTGGAGAACGTGAGAATATTACGGTGTAAATTGGTATCAGGGAAA	(SEQ ID NO:22)
SYN80 F12:	TAATTTGGTATCAGGGAAACAGGGAAATCTCTGATCTGACCTCTGATCTGAGCTGGAGTGGCAGA	(SEQ ID NO:23)
SYN80 F13:	ACCGCTCGAGCTGAAGGGCGCTGATGCTGCACCGACTGTATCCCATCTCCACCATCCAGTGAGCTTAAC	(SEQ ID NO:24)
SYN80 F14:	CCATCCAGTGAGCAGTTAACATCTGGAGGTGCCCTCAGCTGGTGTGCTCTGAACFACTTCTAACCCCCAAAG	(SEQ ID NO:25)
SYN80 F15:	GAACAACTTCTAACCCCCAAAGACATCAATGTCAGTGAAGATTGATGGCAGTGAAGCAAAATGGCGTC	(SEQ ID NO:26)
SYN80 R1:	CAAGGCTTCACAGGAATGAGTTAGTCCGTAGTAAGAAAACCTAGGGTAAAGTTCAAGAGCTTCAACAGGAATG	(SEQ ID NO:27)
SYN80 R2:	TGAAACGACATAACAGCTATACCTGTGAGGCCACTCACAAAGACATCAACTTCAACCCATTGTCAGAGCTAAATGTGTTAA	(SEQ ID NO:28)
SYN80 R3:	GACAGCACCTACAGCATGGCAGCACCTCACGTTGACCAAGGAGGAGTATGAACGACATACAGCTATA	(SEQ ID NO:29)
SYN80 R4:	GTGAAGCACAATGGCTCTGAACAGTGGACTGATCAGGACAGAACAGCACCTACAGCATGAG	(SEQ ID NO:30)
SYN80 R5:	TTACTGTCAAATGTGTTAAGTACTCTCGGAGTTGGGACCAAGCTCGAGCTGG	(SEQ ID NO:31)
SYN80 R6:	ATCTGGTAGACAGTATTCTCAAGATCAGTACCTGACGATGTTGCAACGTTAACTACTGTCAAATGTGTTAA	(SEQ ID NO:32)
SYN80 R7:	GGTGCAACCAACTTGGCAGATGGCATGTCATGGCTGGGATCTGGGAGTGGATCTGGTACAGTATTCTC	(SEQ ID NO:33)
SYN80 R8:	GCACTATTGCACTGGCACTTACCGTTACTGTGTTACCCCTGTGACAAAAGCCGACATCGAGCTCACCA	(SEQ ID NO:34)
SYN80 R9:	AGAAAAAAACTTAGGGTGAAGGTTACATGGCCGCTACGGCCATGAAACAAAGGACTATTGCACTGGCACTC	(SEQ ID NO:35)
SYN80 R10:	AGCACCAAAAGTTGACAAGAAAATGTAACCGGGGACTGTGTAACCGTAGTAAGAAAACCTAGGTAAAG	(SEQ ID NO:36)
SYN80 R11:	TGACTCTGGGATGCCCTGGCTCAGACTAACTGTAAGGGCTATTCCCTGAGCCAGTGAACACTCTGGGAAC	(SEQ ID NO:37)
SYN80 R12:	GTCTGTTTACCCCTGGCTCTGGGACTGAGTGGATGAGTGGATTAACCTGACTCTATGGTACTCTGGGATGCC	(SEQ ID NO:38)
SYN80 R13:	TGGGCCAAGGCCACCGGTCACCGTCTCAGCAAAGACCAACTCCTGGCTGTACCCCTGGCT	(SEQ ID NO:39)
SYN80 R14:	GAGGGTTATACTAACTACAATGAGAAGTTCAAGGGCAAGGCCACACTGACTGGAGACACATCCTCCAG	(SEQ ID NO:40)
SYN80 R15:	AAAGCAGAGGCCCTGGACATGGACTTGAGTGGATGAGATATTACCCCTGGAGGTGGTTAACTAACTAC	(SEQ ID NO:41)
SYN80 R16:	TCCTGCAAGGCTTCTGGTACACCTTACAACTACTGGTAGGTGGTAAAGCAGAGGCCCTGGACATG	(SEQ ID NO:42)

FIG. 2

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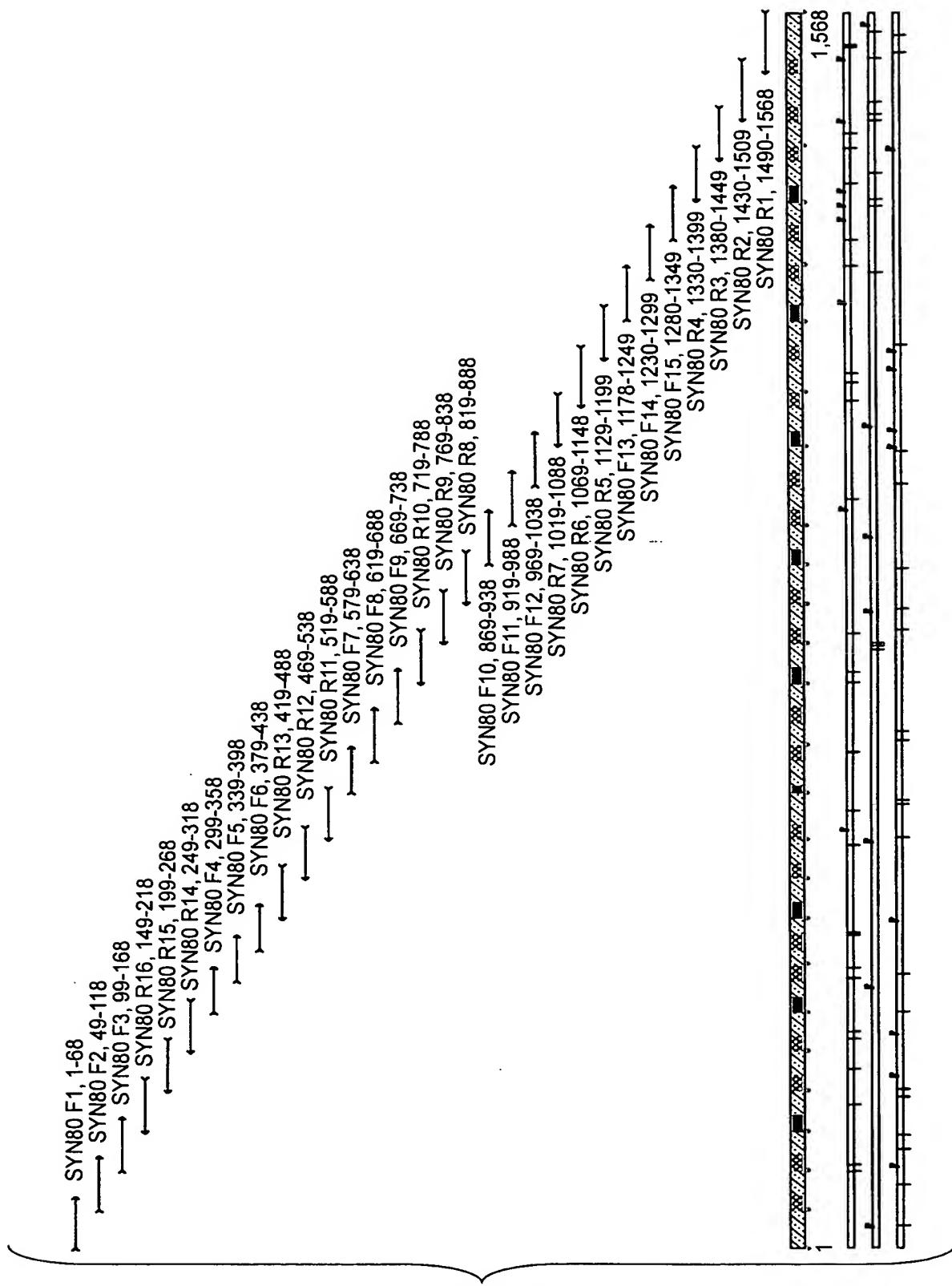


FIG. 3

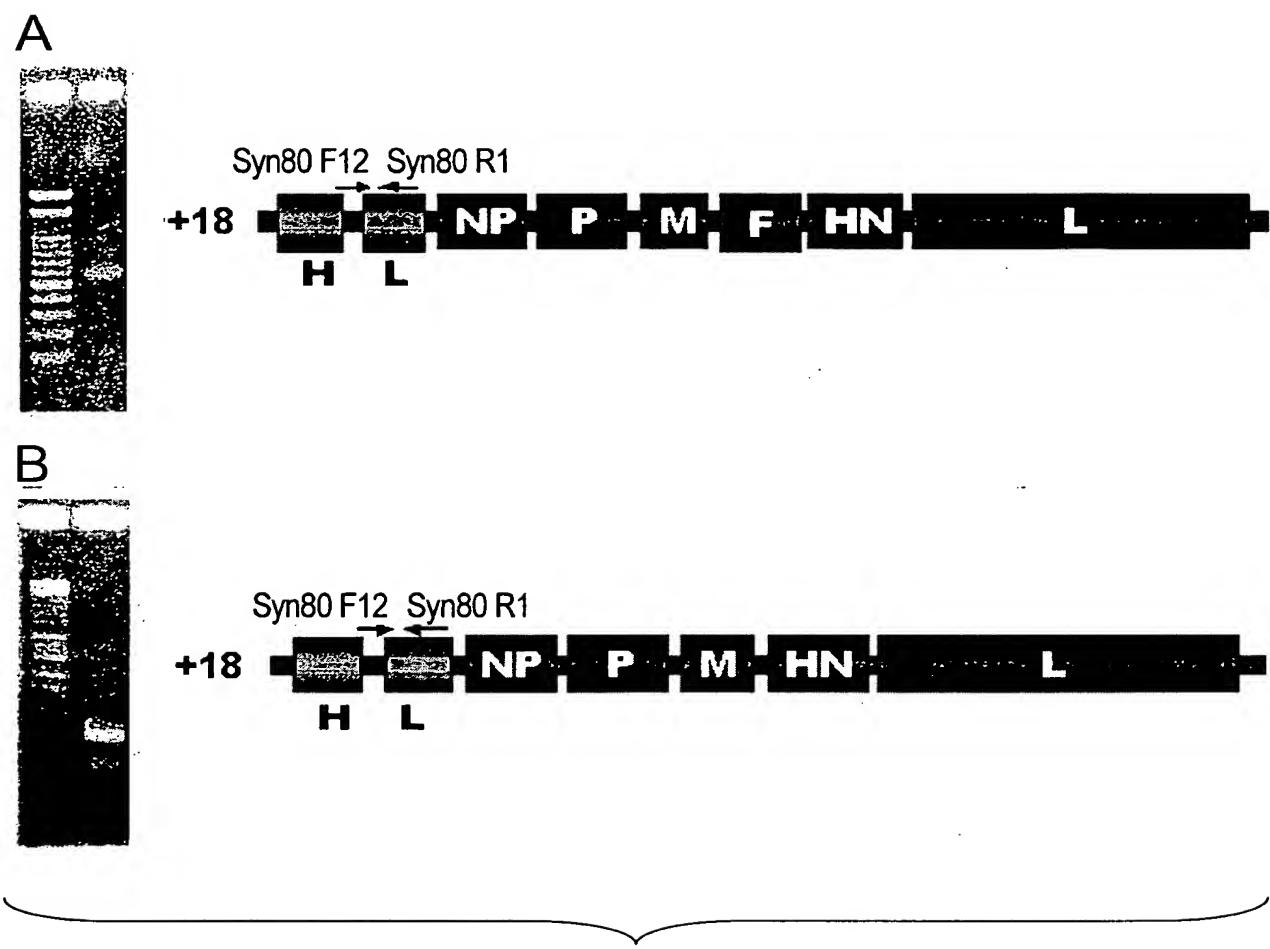
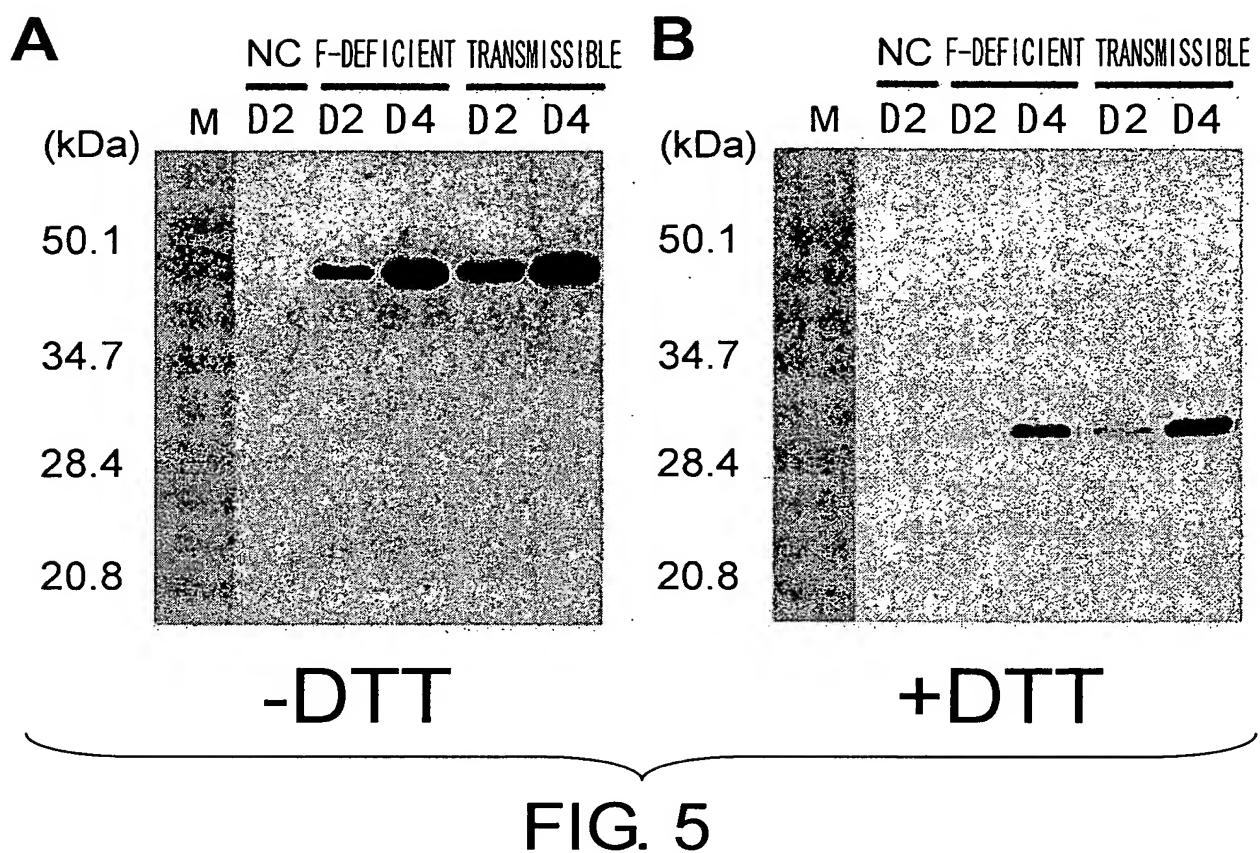
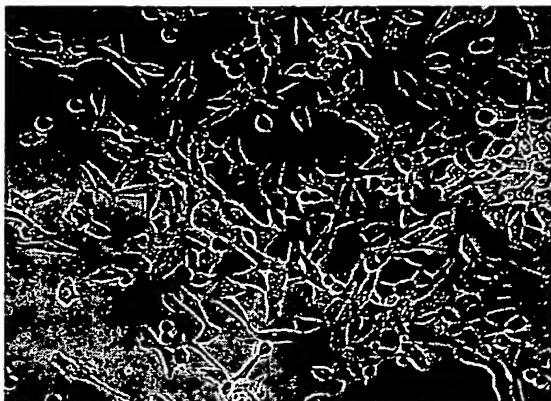


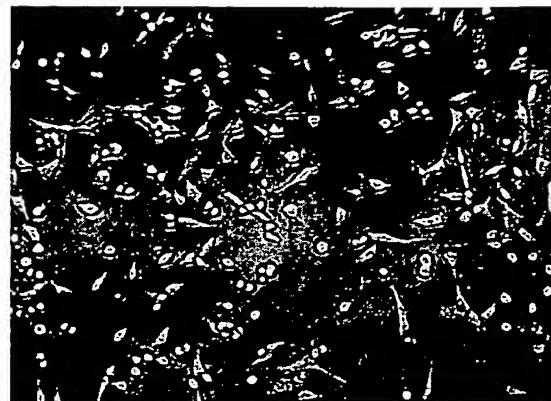
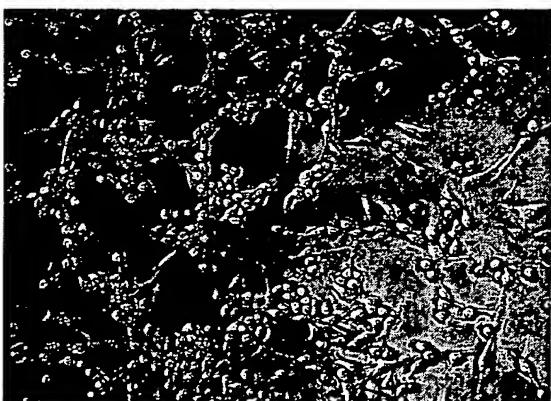
FIG. 4



(A) - q-pool



(B) + q-pool

(C) + q-pool: SeV¹⁸⁺GFP

(D)

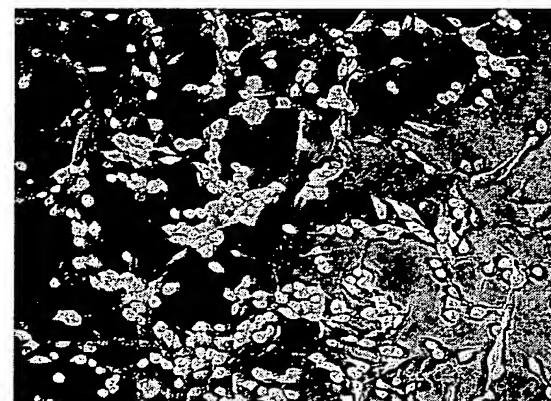
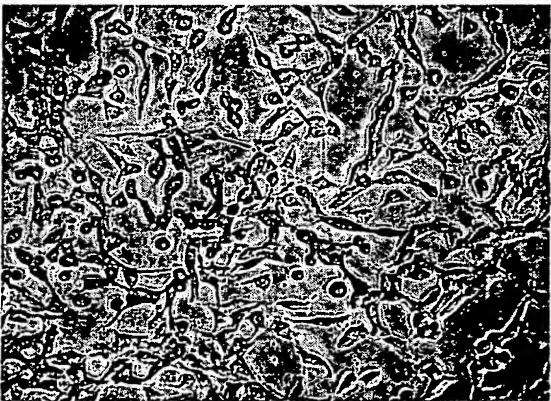
(E) + q-pool: SeV¹⁸⁺IN-1

FIG. 6

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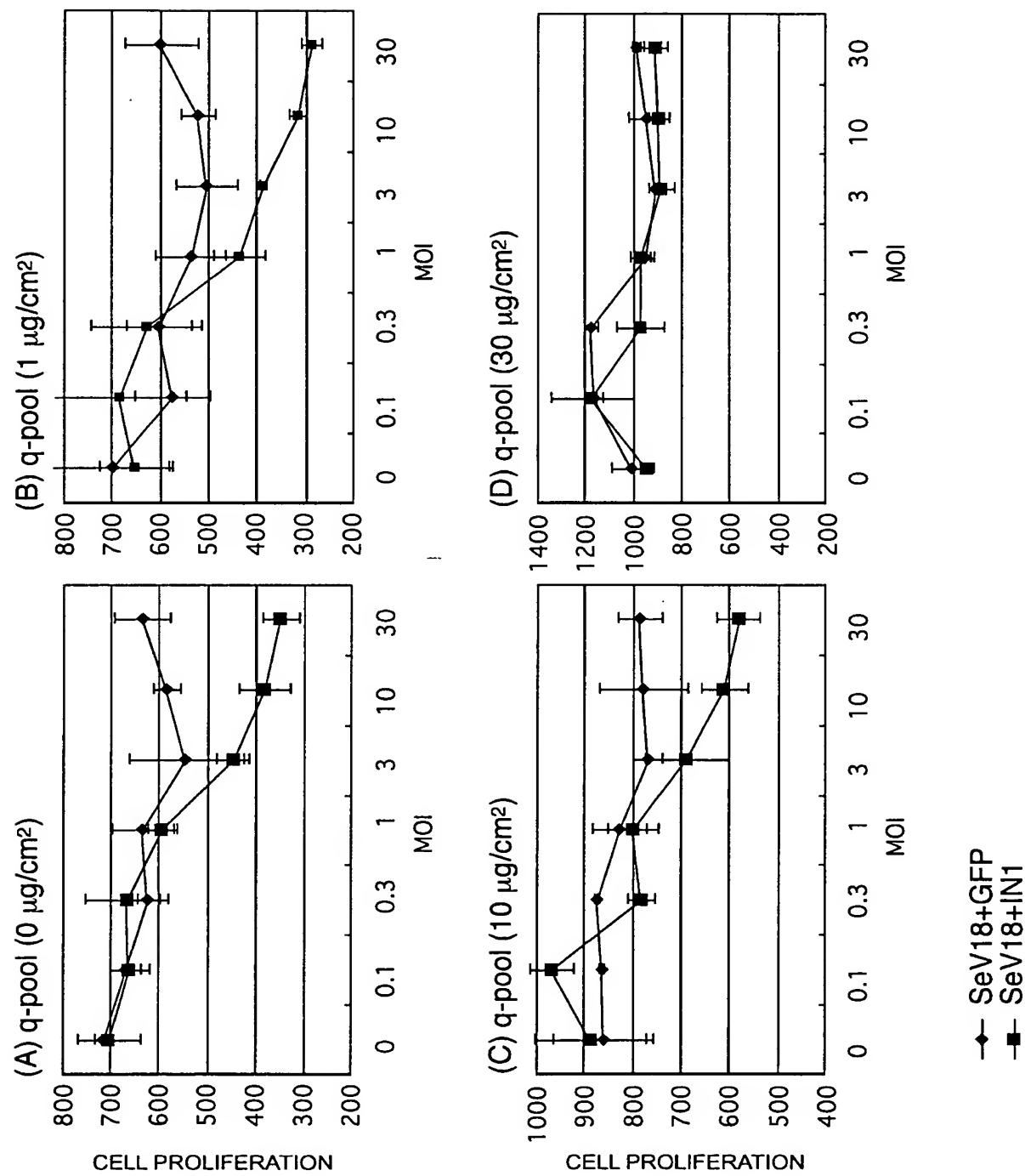
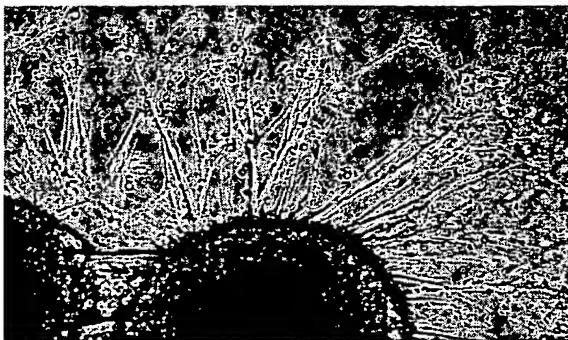


FIG. 7

(A) - q-pool (SeV¹⁸+GFP)

(B)

(C) + q-pool (SeV¹⁸+GFP)

(D)

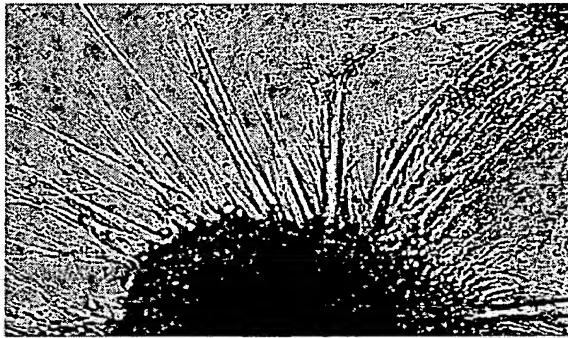
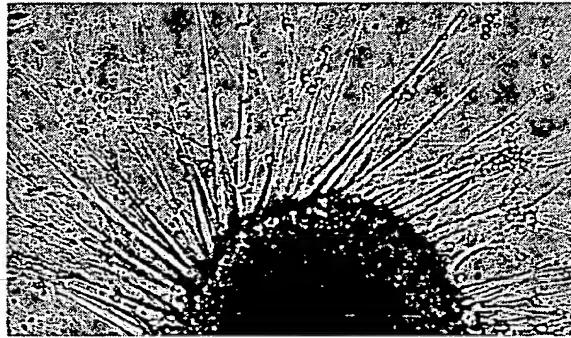
(E) + q-pool (SeV¹⁸+IN-1) -1(F) + q-pool (SeV¹⁸+IN-1) -2

FIG. 8

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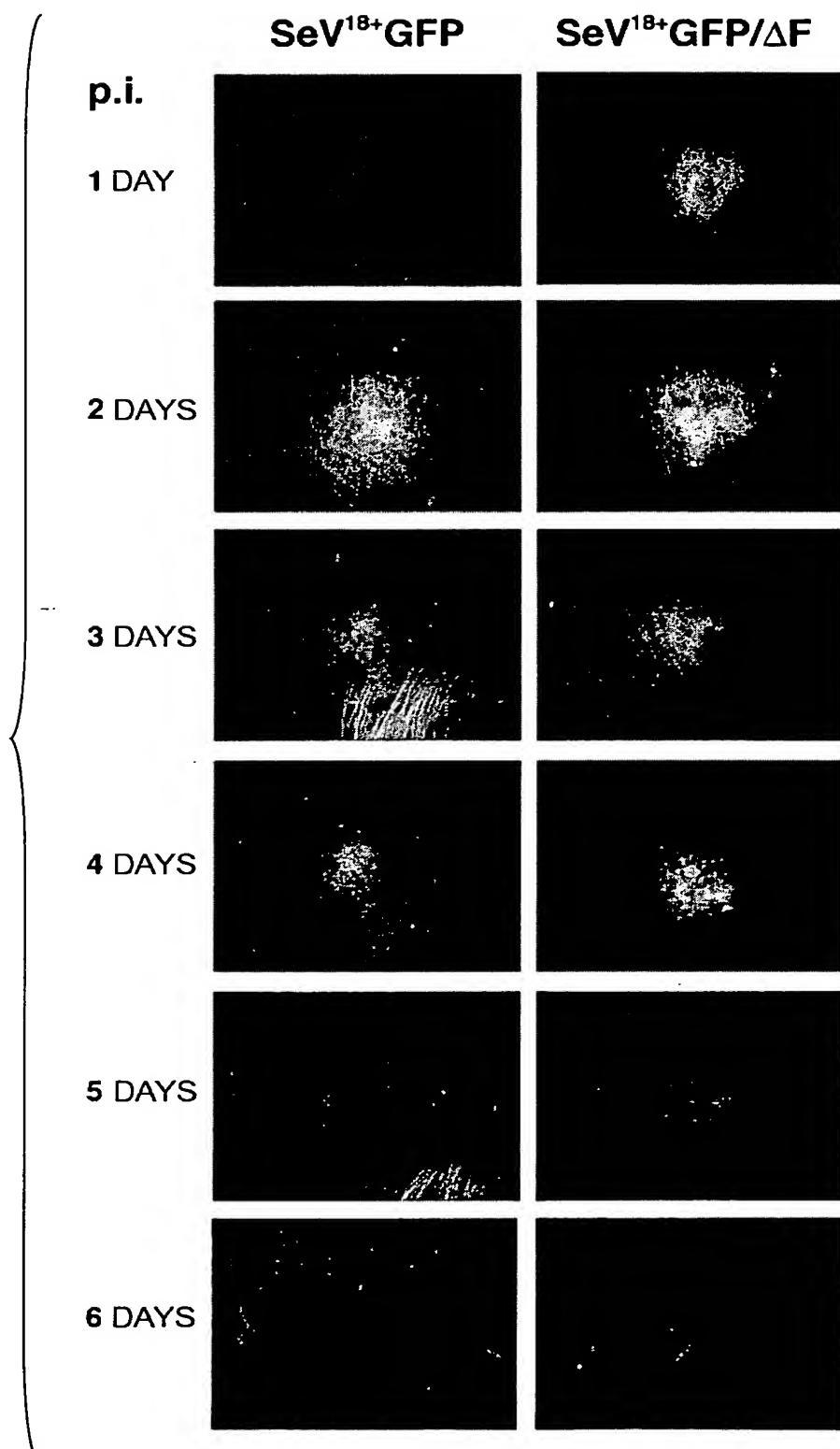


FIG. 9

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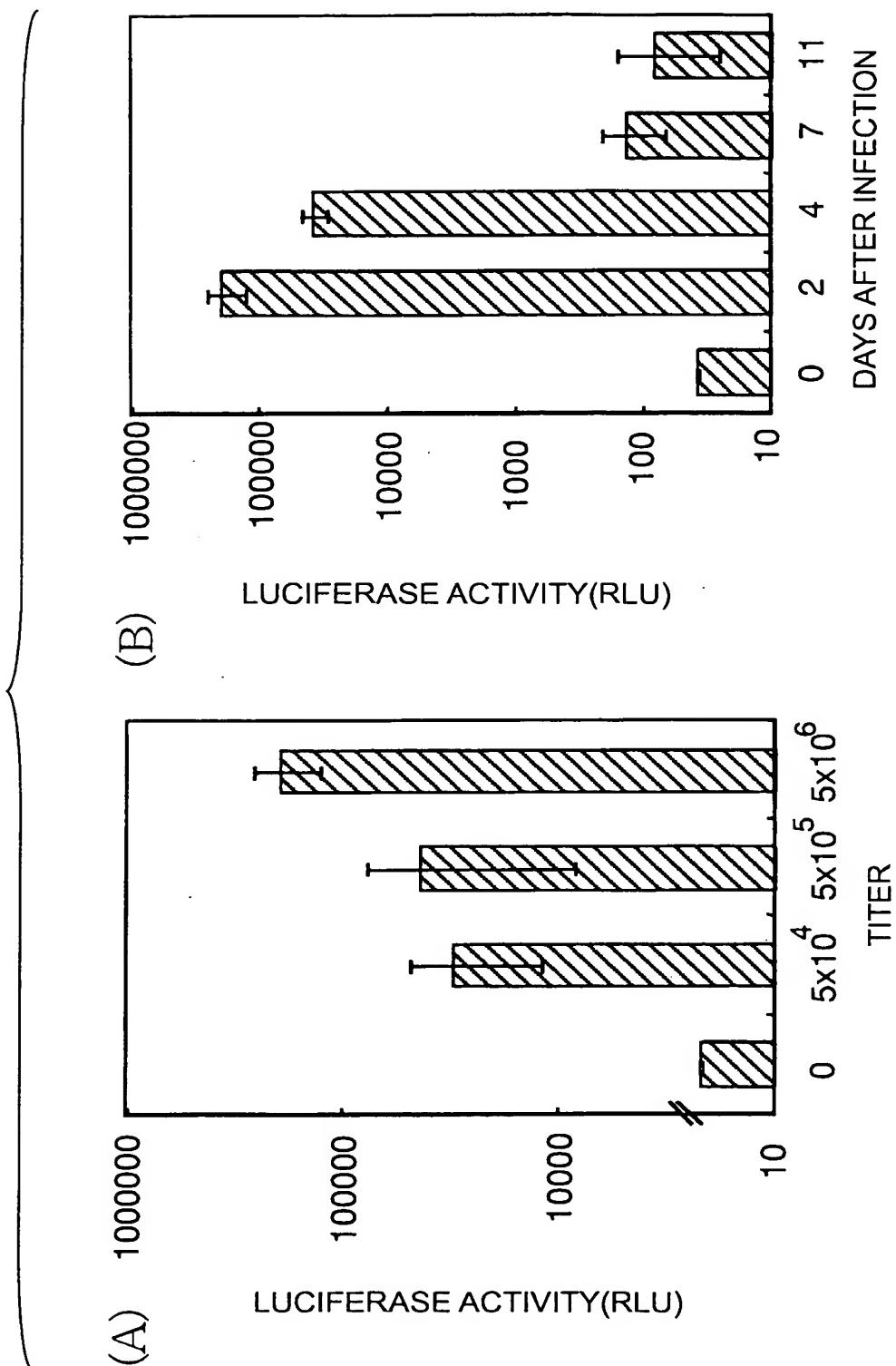


FIG. 10

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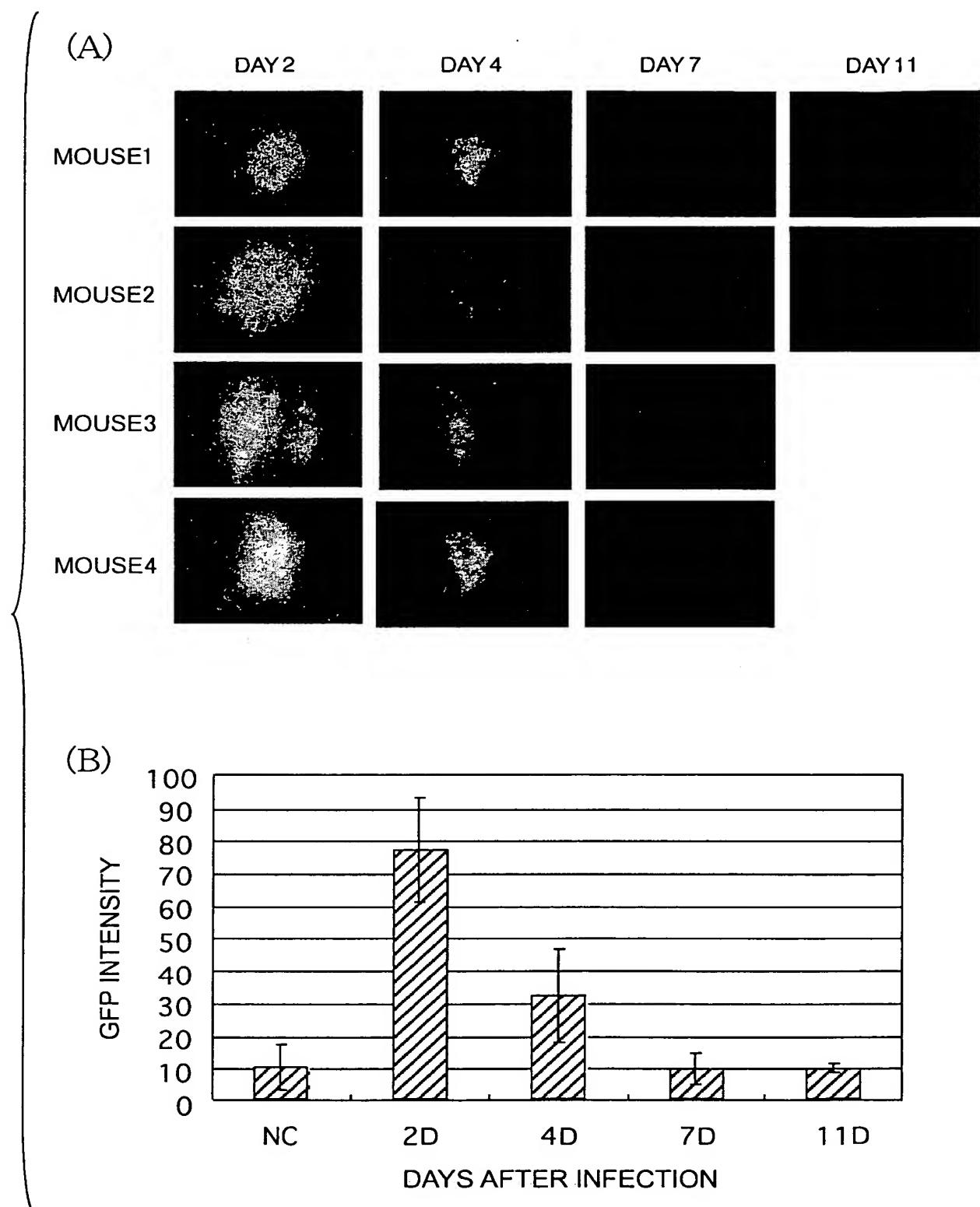


FIG. 11

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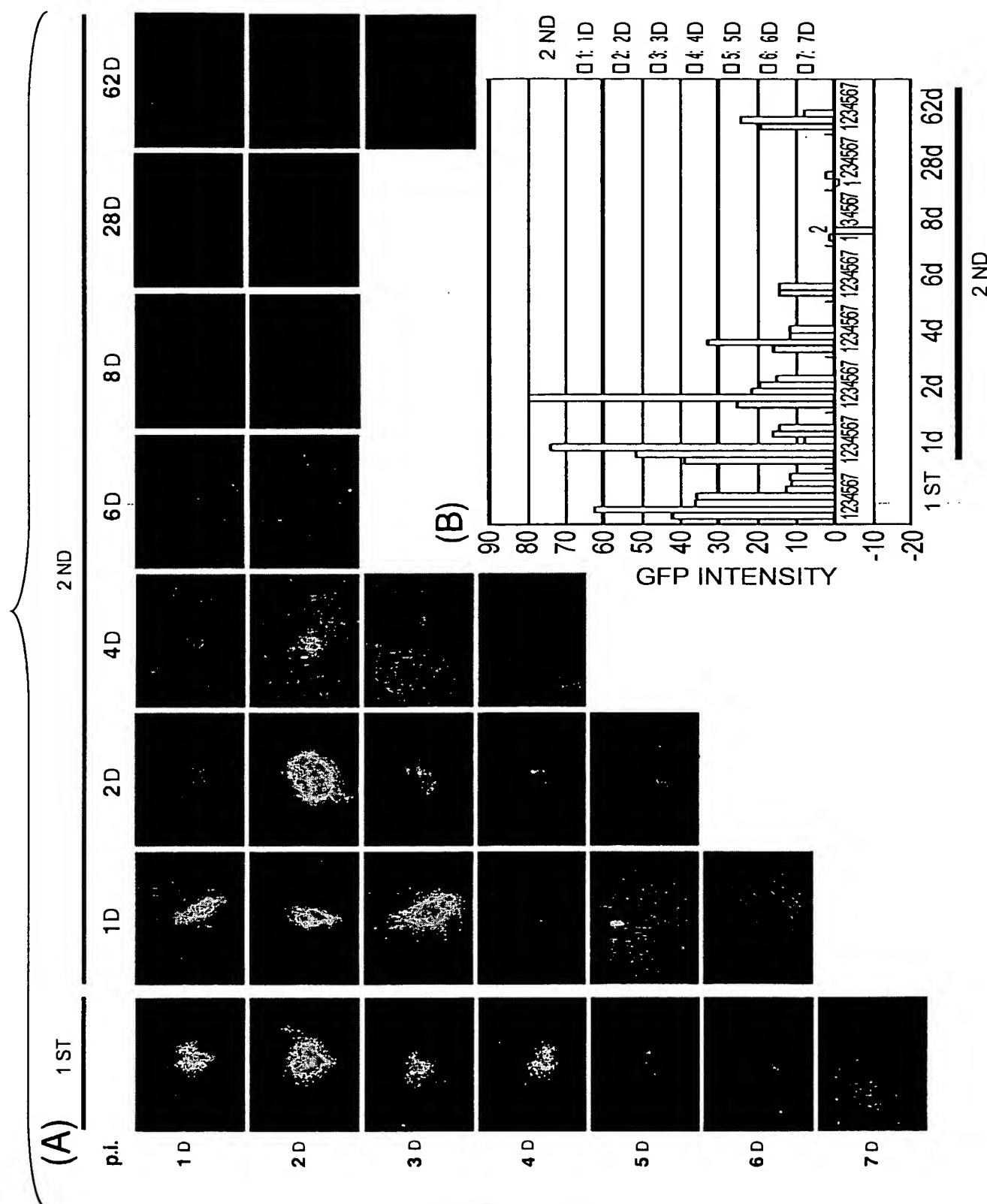


FIG. 12

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(A)GFP FLUORESCENCE (B)SUPERIMPOSED

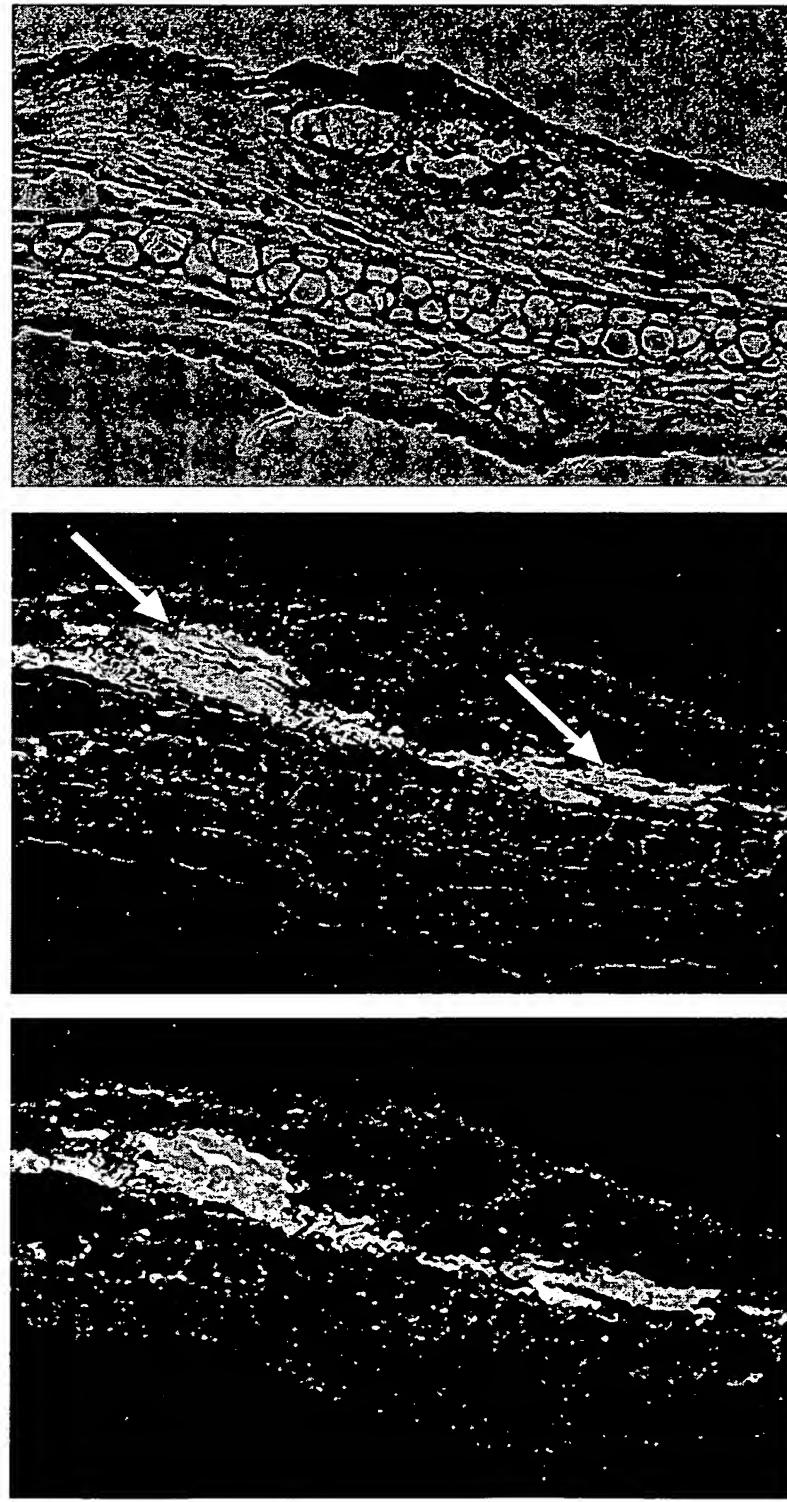


FIG. 13

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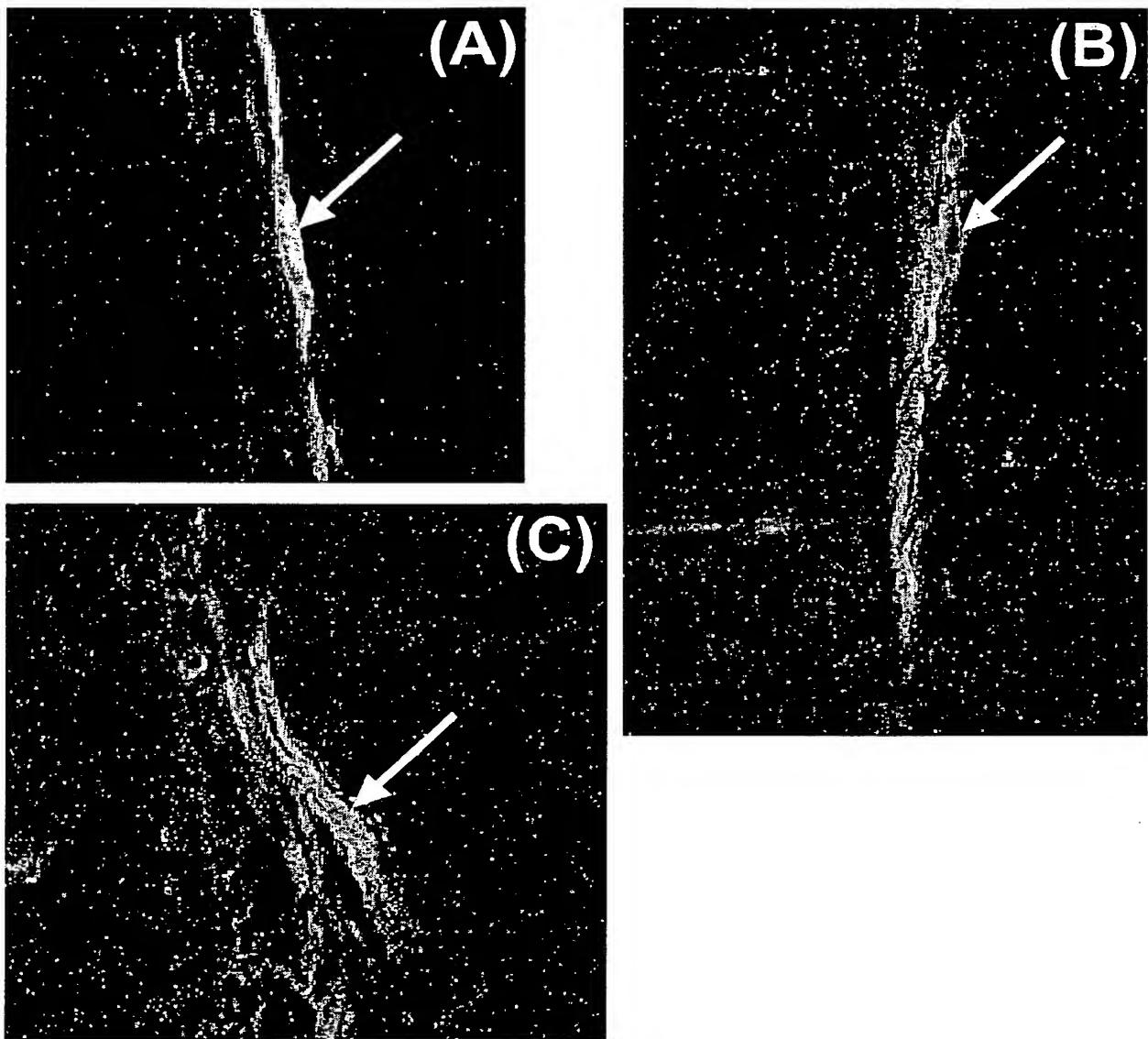


FIG. 14

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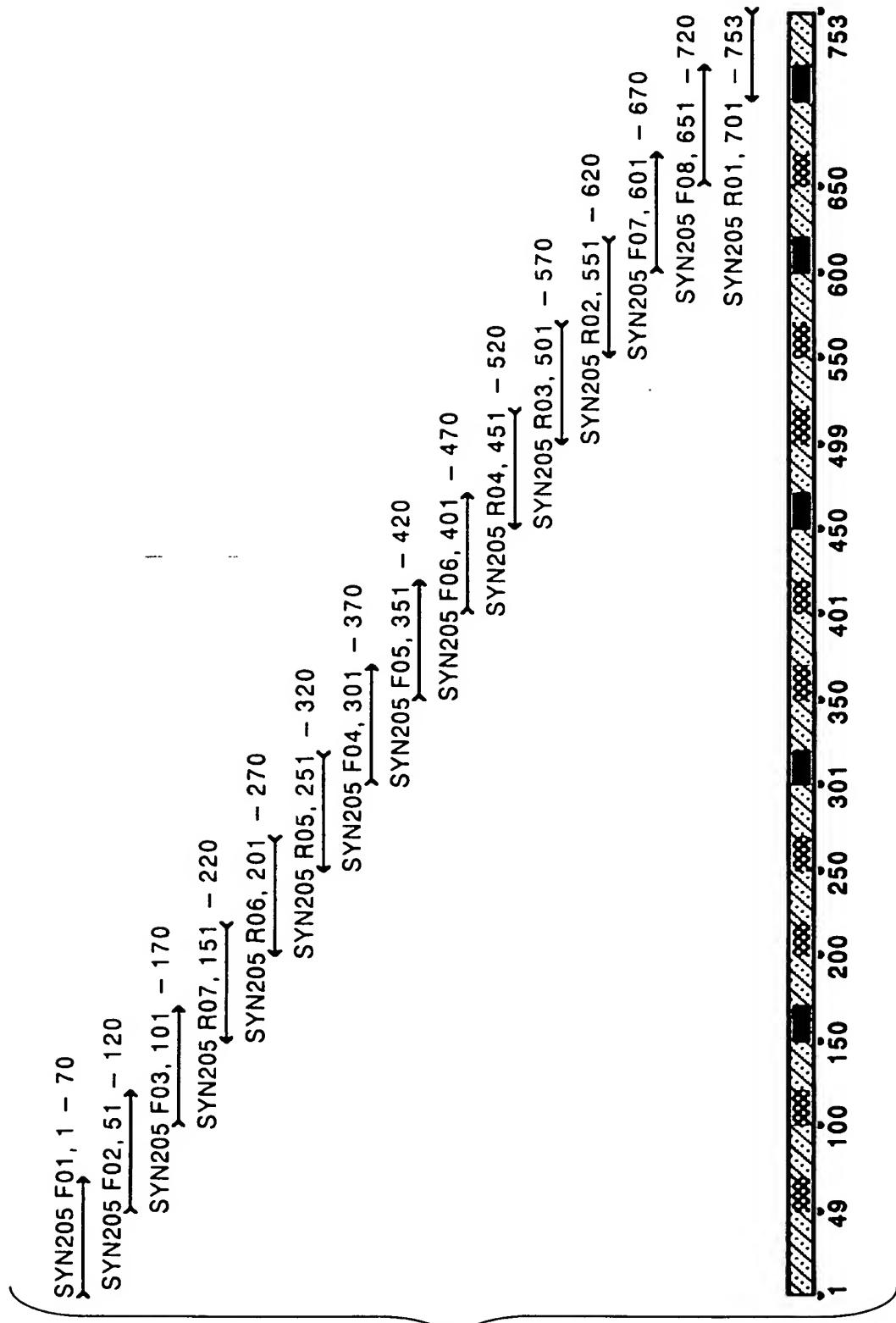


FIG. 15

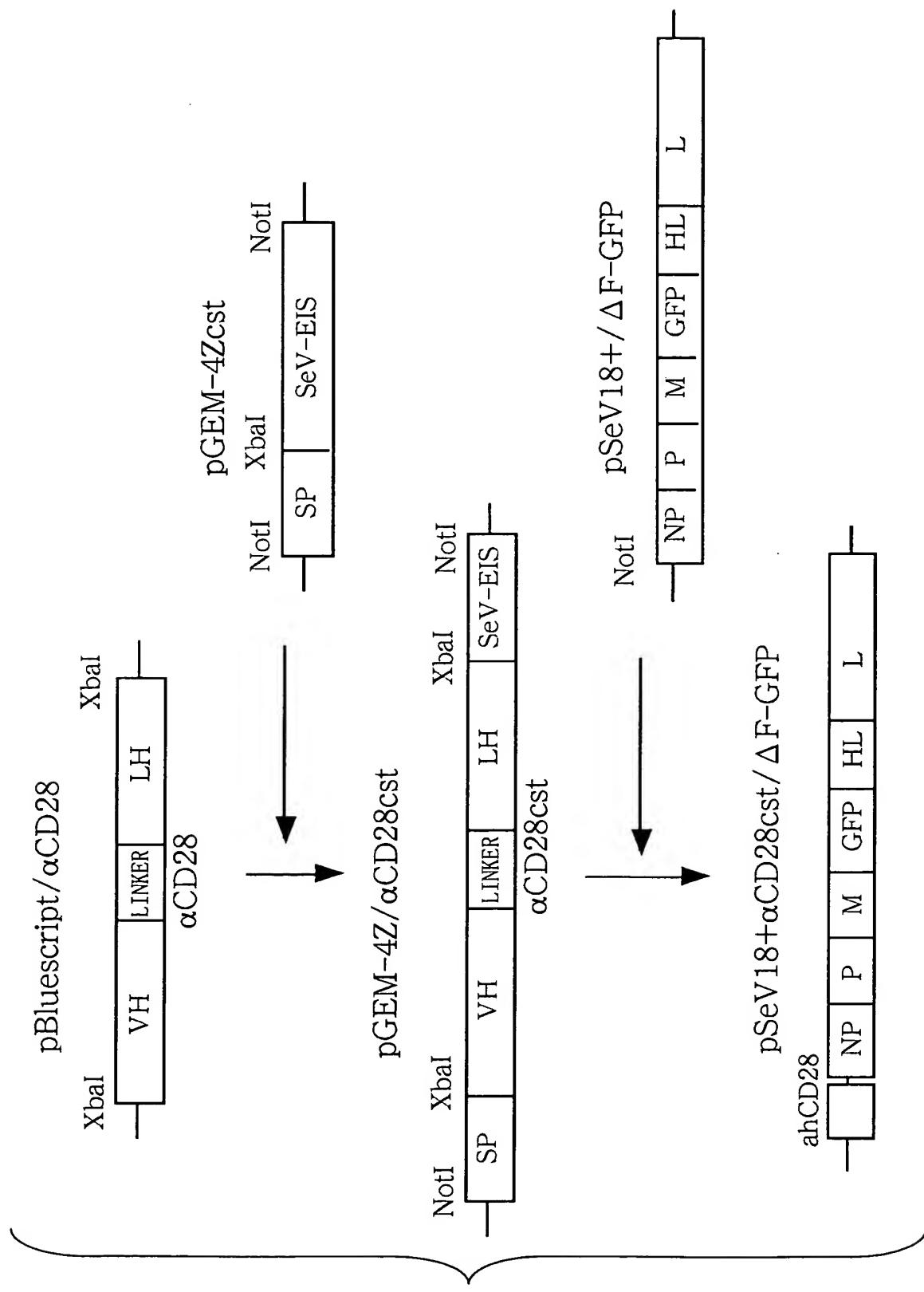
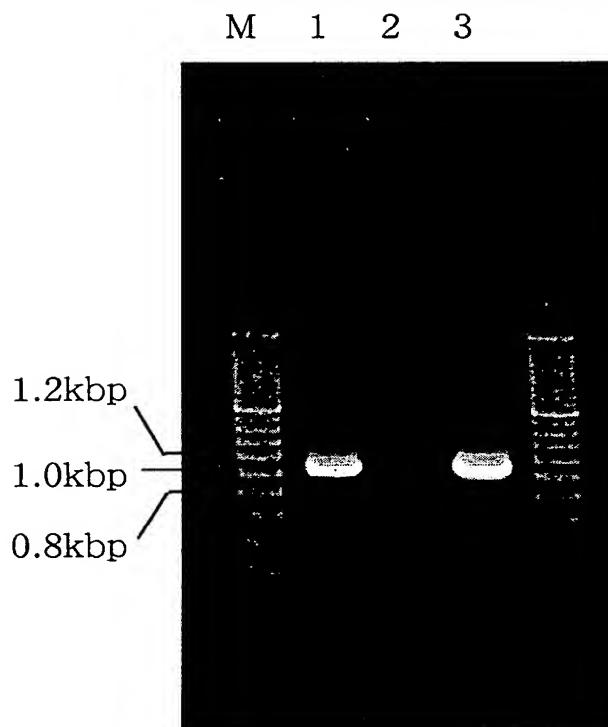


FIG. 16

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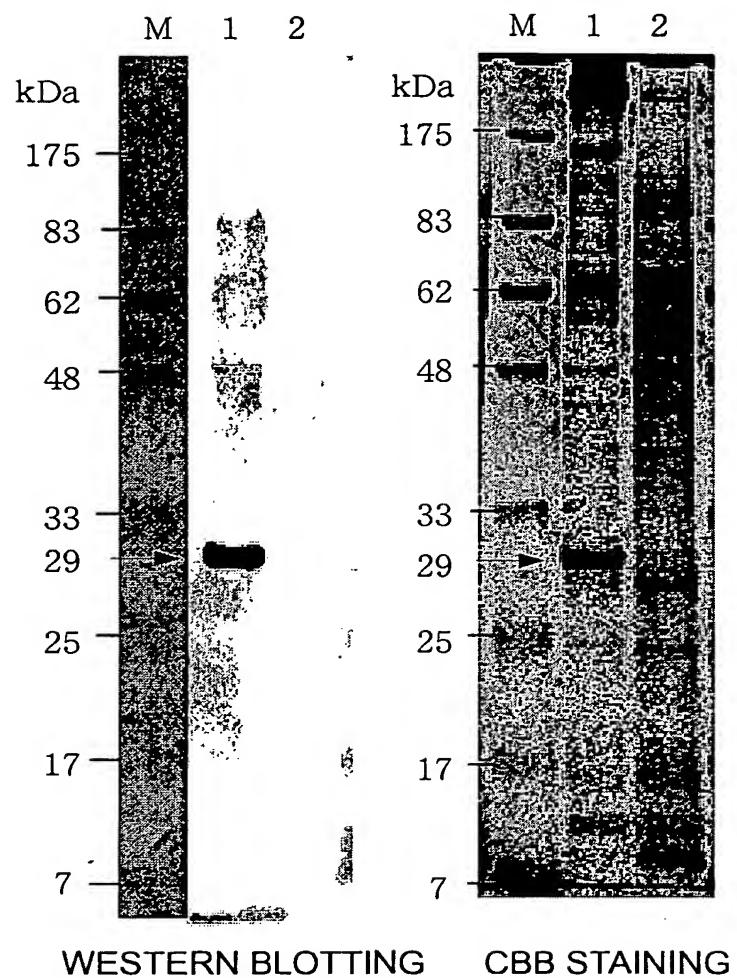


M: 200bp LADDER MARKER
1: RT-PCR
2: NEGATIVE CONTROL(DW)
3: POSITIVE CONTROL(cDNA)

FIG. 17

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M:PROTEIN MARKER
1: SeV18+ α CD28cst/Δ F-GFP CULTURE SUPERNATANT
2: SeV/Δ F(GFP) CULTURE SUPERNATANT

FIG. 18

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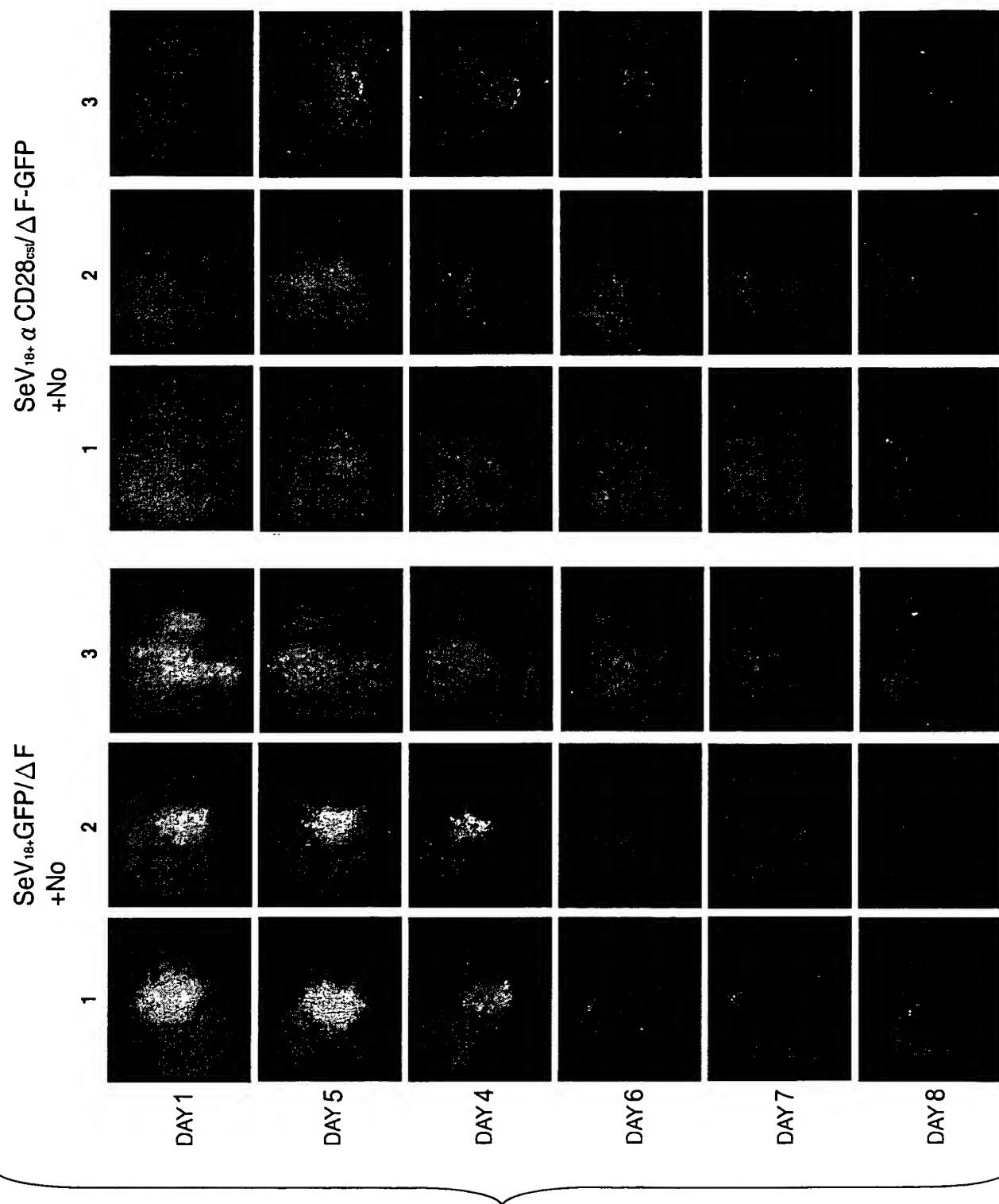


FIG. 19

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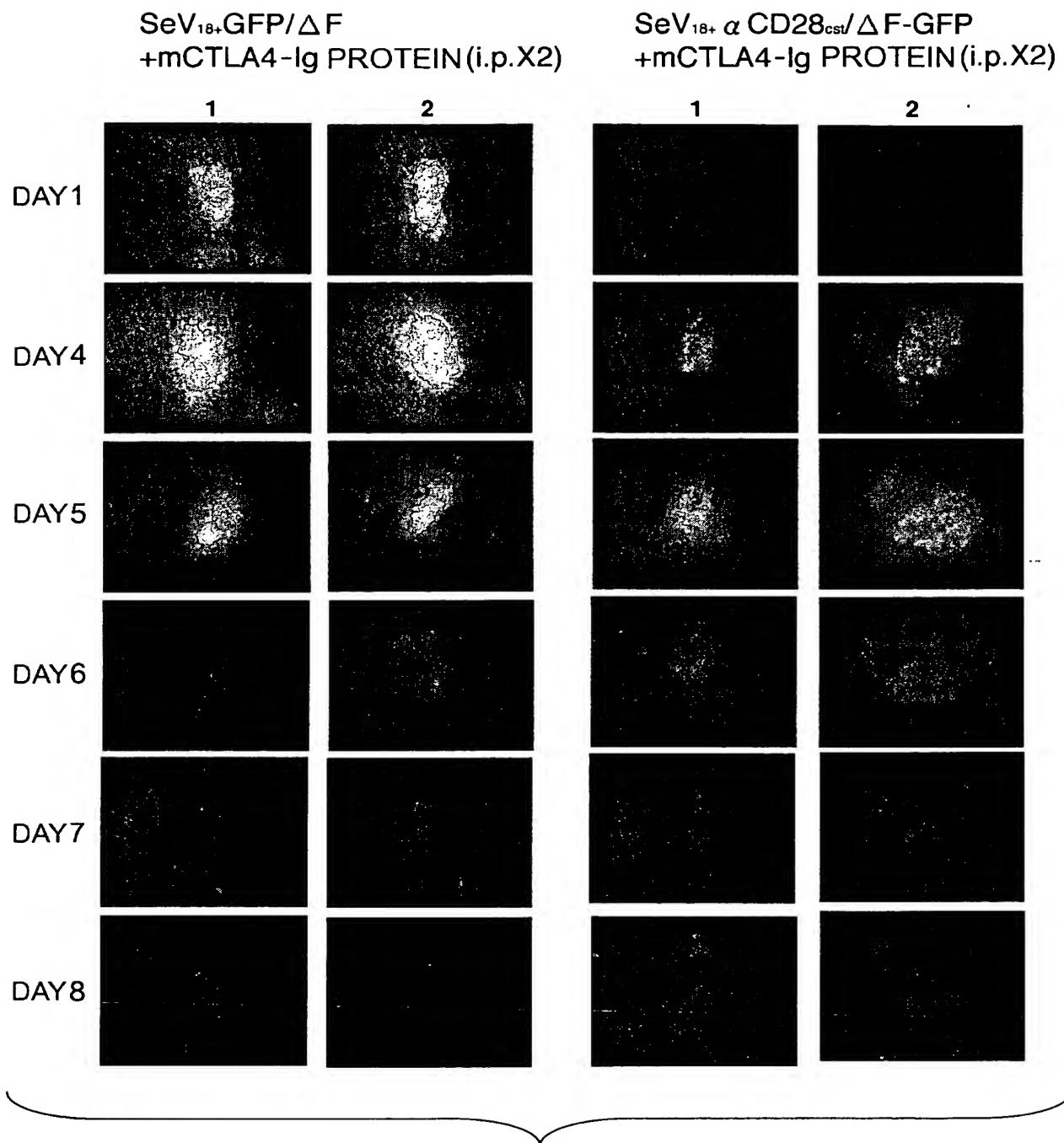


FIG. 20

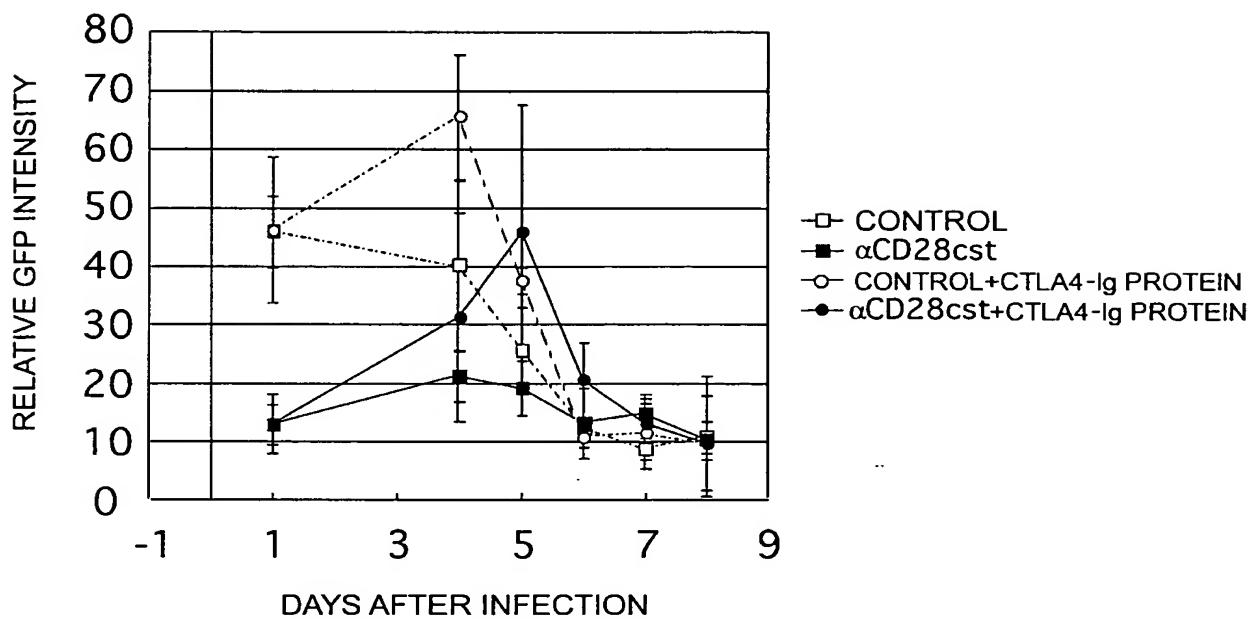


FIG. 21

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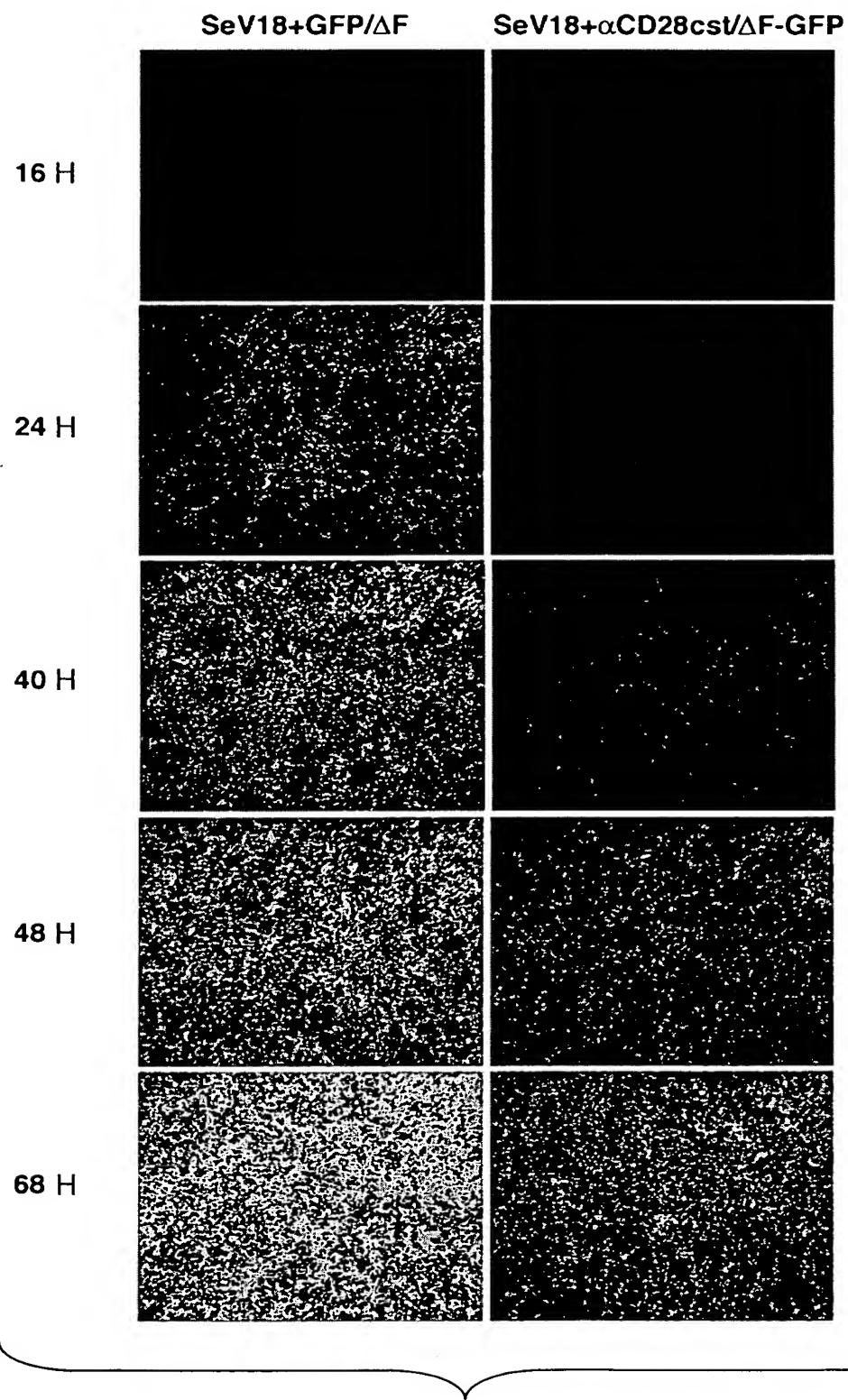


FIG. 22